



# STIC Search Report

EIC 1700

STIC Database Tracking Number: 119155

**TO:** Lyle Alexander  
**Location:** REM 6D25  
**Art Unit :** 1743  
**April 9, 2004**

**Case Serial Number:** 10/075944

**From:** Kendra Mellerson  
**Location:** EIC 1700  
**REM 4B28**  
**Phone:** 571-272-2516

**Kendra.Mellerson@uspto.gov**

## Search Notes

No Cases Reported

US 6,024,919



**Current session 09/04/2004**

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

09/04/04 16\*47\*18

Last connection: 06/04/04 20\*31\*41

WELCOME to QUESTEL.ORBIT- Your Guide to INTELLECTUAL PROPERTY  
www.questel.orbit.com - Gateway, documentation & IP resource  
- PCTFULL: PCT fulltext - contents & prices, see INFO PCTFULL  
- NEW: Non-Patent Literature file from EPO data, see INFO NPL  
- NEW: Starting 09/03, MEM Chrg for Sci-Tech Files, see INFO MEM  
- French Patent Applications Fulltext file, see INFO FRFULL  
- NTIS & IDPFA/N to be removed from Questel.Orbit Jan 1, 2004  
- Citations for GB patents now available in the PlusPat file.  
- 2004 Euro & US Dollar Price Lists available on our web-site  
.FILE / ..INFO / ..GUIDE

**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 0,77  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.77 USD  
Cost estimated for the last database search : 0.77 USD  
Estimated total session cost : 0.77 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
Comprehensive Worldwide Patents database  
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE  
GB Citations Now Available in PlusPat  
GB citations have been added to over 200,000 corresponding GB records in  
PlusPat. Coverage starts in the 1980's and is updated monthly.  
PlusPat now covers cited references from US, EP, PCT, FR and now GB.  
Last update of file: 2004/04/07 (YYYY/MM/DD) 2004-14/UP (basic update)

Search statement 1

**Query/Command : US6024919/PN**

**\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

---

*1/1 PLUSPAT - ©QUESTEL-ORBIT - image*

**PN** - US6024919 A 20000215 [US6024919]  
**TI** - (A) Sonic treatment to selectively reduce the void volume of sintered polymers  
**PA** - (A) LXN CORP (US)  
**PA0** - LXN Corporation, San Diego CA [US]  
**IN** - (A) NELSON ERIC M (US); WHITE TODD C (US)  
**AP** - US678798 19980114 [1998US-0006787]  
**PR** - US678798 19980114 [1998US-0006787]  
**IC** - (A) G01N-033/48  
**EC** - B01L-003/00C6C  
**PCL** - ORIGINAL (O) : 422058000; CROSS-REFERENCE (X) : 422056000  
436063000 436169000  
**DT** - Basic  
**CT** - US4300910; US5470752; US5597532; US5639672; US5695949; WO9631270  
**STG** - (A) United States patent  
**AB** - The present invention provides a method of sonic treatment to selectively reduce the void volume of a sintered polymer such as porous high density polyethylene (HDPE). The invention also provides a method and an article of manufacture for receiving a liquid sample, where a first portion of the sintered polymer (1a) overlies a solid surface (4a) and a second portion of the polymer (1b) overlies a window (4b). Sonic treatment of the sintered polymer reduces the void volume of the first portion (1a) compared to the second portion (1b). As a result, a liquid sample applied to the polymer will preferentially migrate through the second portion (1b), rather than through the first portion (1a). When the article of manufacture is used to analyze a liquid sample such as blood, less sample is required because of the preferential migration in the sonically treated sintered polymer.  
**UP** - 2000-10

---

*1/1 LGST - ©EPO*

**PN** - US6024919 A 20000215 [US6024919]  
**AP** - US678798 19980114 [1998US-0006787]  
**ACT** - 20021015 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20020214  
**UP** - 2003-22

---

*1/1 CRXX - ©CLAIMS/RRX*

**PN** - 6,024,919 A 20000215 [US6024919]  
**PA** - LXN Corp  
**ACT** - 20010221 REASSIGNED  
SECURITY AGREEMENT

Assignor: LXN CORPORATION DATE SIGNED: 02/15/2001

Assignee: INVERNESS MEDICAL TECHNOLOGY, INC. 200 PROSPECT  
STREET WALTHAM MASSACHUSETTS

Reel 011551/Frame 0667

Contact: GOODWIN PROCTER LLP BETH KOTRAN, ESQ. 7 BECKER  
FARM ROAD ROSELAND, NEW JERSEY 07068

20020214 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20021015  
REISSUE REQUEST NUMBER: 10/075944  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1743

Reissue Patent Number:

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,70  
The cost estimation below is based on Questel's  
standard price list

|   |   |                  |          |
|---|---|------------------|----------|
| Records displayed and billed :                | 1 | Estimated cost : | 1.69 USD |
| Cost estimated for the last database search : |   | Estimated cost : | 1.32 USD |
| Estimated total session cost :                |   |                  | 3.01 USD |
|   |   |                  | 3.78 USD |

LGST - Time in minutes : 0,07  
The cost estimation below is based on Questel's  
standard price list

|   |   |                  |          |
|---|---|------------------|----------|
| Records displayed and billed :                | 1 | Estimated cost : | 0.08 USD |
| Legal-Status informations :                   | 1 | Estimated cost : | 0.60 USD |
| Cost estimated for the last database search : |   | Estimated cost : | 0.50 USD |
| Estimated total session cost :                |   |                  | 1.18 USD |
|   |   |                  | 4.96 USD |

CRXX - Time in minutes : 0,16  
The cost estimation below is based on Questel's  
standard price list

|   |   |                  |           |
|---|---|------------------|-----------|
| Records displayed and billed :                | 1 | Estimated cost : | 0.29 USD  |
| Legal-Status informations :                   | 1 | Estimated cost : | 5.50 USD  |
| Cost estimated for the last database search : |   | Estimated cost : | 0.50 USD  |
| Estimated total session cost :                |   |                  | 6.29 USD  |
|   |   |                  | 11.25 USD |

LITA - Time in minutes : 0,02  
The cost estimation below is based on Questel's  
standard price list  
Estimated cost : 0.04 USD  
Cost estimated for the last database search : 0.04 USD  
Estimated total session cost : 11.29 USD

Selected file: INPADOC

You are now connected to INPADOC  
Covers 1968/1973 thru weekly updates (2004-15)  
For information on content, (...)INFO INPD.

Search statement 1

Query/Command : FAM US6024919/PN

1 Patent Groups

\*\* SS 1: Results 1

Search statement 2

Query/Command : FAMSTATE NONSTOP

---

1/1 INPADOC - ©INPADOC

**PN** - US 6024919 A 20000215 [US6024919]  
**TI** - SONIC TREATMENT TO SELECTIVELY REDUCE THE VOID VOLUME  
OF SINTERED POLYMERS  
**IN** - NELSON ERIC M [US]; WHITE TODD C [US]  
**PA** - LXN CORP [US]  
**AP** - US 6787/98-A 19980114 [1998US-0006787]  
**PR** - US 6787/98-A 19980114 [1998US-0006787]  
**IC** - G01N-033/48

---

1/1 LEGALI - ©EPO

**PN** - US6024919 A 20000215 [US6024919]  
**AP** - US678798 19980114 [1998US-0006787]  
**ACTE** - 20021015 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20020214  
**UP** - 2003-22

PATNO IS 6024919

DATE: APRIL 9, 2004  
LIBRARY: PATENT  
FILE: ALL

Your search request is:  
PATNO IS 6024919

Number of PATENTS found with your search request through:  
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.  
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMTS key.  
To MODIFY your search request, press the M key (for MODFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6024919 , February 15, 2000 , Sonic treatment to selectively reduce the void volume of sintered polymers, Nelson, Eric M., San Clemente, CA; White, Todd C., San Diego, CA, 006787 (00), Lxn Corporation, San Diego, CA, June 22, 1998 - ASSIGNMENT OF ASSIGNEES INTEREST (SEE DOCUMENT FOR DETAILS) ., Lxn CORPORATION 5830 OBERLIN DRIVE, SUITE 102 SAN DIEGO CALIFORNIA 92121, Reel and Frame Number: 009290/0637 February 21, 2001 - NONE SECURITY AGREEMENT, INVERNESS MEDICAL TECHNOLOGY, INC. 200 PROSPECT STREET WALTHAM MASSACHUSETTS, Reel and Frame Number: 011551/0667

CORE TERMS: polymer, sintered, sample, sonic, volume, layer, void, energy, pore, window ...